

Work Order ID 142640

Friday, March 11, 2016 9:57:51 AM

142640

Page 1

Item ID: 646.9501 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: 206A / B / L Cable Cutter System, High
Start Date: 4/11/2016 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 4/22/2016 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: MLJ Date: MAR 11 2016 Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr								
646.9500	N/C								
100	Document Control	0.00							
100	DOCUMENT CONTROL		DAS	8					
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP 646.9501								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

APR 21 2016

APR 18 2016

APR 21 2016

MLJ 16-04-18

DAS
27
9-89

DAS
8
9-89

DAS
28
9-89

DAS
27
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Work Order ID 142640

Friday, March 11, 2016 9:57:51 AM

142640

Page 2

Item ID: 646.9501

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: 206A / B / L Cable Cutter System, High

Start Date: 4/11/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 4/22/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

130

Packaging

Packaging

Memo

0.00

Identify and pack for shipping as per PPP 646.9501
Location : FG101BAS
27
9-89
APR 21 2016

140

140

QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

APR 22 2016

MCS

MCS APR 22 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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OTHER : ☐					

Picklist Print

Friday, March 11, 2016 9:57:49 AM

Page 1

Work Order ID: 142640

142640

Parent Item: 646.9501

646 9501

Parent Item Name: 206A / B / L Cable Cutter System, High

Start Date: 4/11/2016

Required Date: 4/22/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 12.08.28 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
646.9601 *646 9601* Upper Cutter Assy		Manufactured	No			110	Each	6.0000	1	1			DAS 27 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				cck039				6					
				128183				6					
646.9602 *646 9602* Lower Cutter Assy High		Manufactured	No			110	Each	29.0000	1	1			DAS 27 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				CCK037				13					
				109598				13					
				CCK038				16					
				105805				6					
				126804				10					
646.9810 *646 9810* Deflector		Manufactured	No			110	Each	8.0000	1	1			DAS 27 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				CCK031				8					
				140775				6					
				140809				2					
647.0210 *647 0210* Rail		Manufactured	No			110	Each	13.0000	1	1			DAS 27 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				CCK089				13					
				91440				13					

APR 18 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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Picklist Print

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Page 2

Work Order ID: 142640

142640

Parent Item: 646.9501

646.9501

Parent Item Name: 206A / B / L Cable Cutter System, High

Start Date: 4/11/2016

Required Date: 4/22/2016

Start Qty: 1.00

Required Qty: 1.00

647.0110
647.0110
Roof Doubler

Manufactured No

110 Each 4.0000 1 1

**

DAS
6
9-89
DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

CCK088

4

116709

4

1

647.0310
647.0310
Channel

Manufactured No

110 Each 11.0000 2 2

**

DAS
6
9-89
DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

CCK090

11

116955

4

122989

7

2

646.9910
646.9910
Struts

Manufactured No

110 Each 30.0000 4 4

**

DAS
6
9-89
DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

CCK014

30

93189

30

4

647.0112
647.0112
Strut Bracket

Manufactured No

110 Each 7.0000 -8 8

**

140968

DAS
6
9-89
DAS
28
9-89
APR 18 2016

DAS
27
9-89

Location

Loc Qty

Loc Code

CCK107

7

M130388

7

Friday, March 11, 2016 9:57:49 AM

Shop Packet Print

Page 2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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OTHER : ☐					

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Page 3

Work Order ID: 142640

142640

Parent Item: 646.9501

646.9501

Parent Item Name: 206A / B / L Cable Cutter System, High

Start Date: 4/11/2016

Required Date: 4/22/2016

Start Qty: 1.00

Required Qty: 1.00

647.0113

Manufactured No

110

Each

3.0000

2

2

647 0113

Strut Doubler

**

DAS
6
9-89

27
9-89

Location

Loc Qty

Loc Code

CCK089

3

136193

3

2

DAS
28
9-89

647.0111

Manufactured No

110

Each

9.0000

1

1

647 0111

Panel

**

DAS
6
9-89
DAS
28
9-89

Location

Loc Qty

Loc Code

CCK088

9

116830

3

126233

6

1

DAS
6
9-89

647.0116

Manufactured No

110

Each

27.0000

2

2

647 0116

Doubler

**

DAS
6
9-89
DAS
28
9-89

Location

Loc Qty

Loc Code

CCK107

27

123001

7

126234

20

2

647.0410

Manufactured No

110

Each

8.0000

-1

1

647 0410

Tube

**

DAS
6
9-89
DAS
28
9-89

Location

Loc Qty

Loc Code

CCK107

8

138413

8

1

DAS
27
9-89

APR 18 2016

Friday, March 11, 2016 9:57:50 AM

Shop Packet Print

Page 3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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OTHER : ☐					

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Work Order ID: 142640

142640

Parent Item: 646.9501

646.9501

Parent Item Name: 206A / B / L Cable Cutter System, High

Start Date: 4/11/2016

Required Date: 4/22/2016

Start Qty: 1.00

Required Qty: 1.00

647.0114 Manufactured No

110 Each

70.0000

1 1

DAS

6

9-89

647 0114

Clip
DAS
27
9-89

Location

Loc Qty

Loc Code

CCK107

70

106616

70

110

Each

65.0000

1

1

DAS

6

9-89

647.0115

Manufactured No

647 0115

Clip

Location

Loc Qty

Loc Code

cc107

65

106617

65

110

Each

3,671.000

111

111

DAS

6

9-89

DAS

28

9-89

NAS1149FN832P

Purchased

No

NAS1149FN832P

Washer

Location

Loc Qty

Loc Code

GA

1361

M133316

16

M133769

1345

ST260a

1200

M134257

1200

ST262

1110

M133709

1110

DAS
27
9-89

APR 18 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation		Disposition			
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Parent Item: 646.9501

646.9501

Parent Item Name: 206A / B / L Cable Cutter System, High

Start Date: 4/11/2016

Required Date: 4/22/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0332P

Purchased

No

110

Each

2,688.000

62

62

NAS1149F0332P

Washer

DAS
6
9-89

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

384

m133709

384

ST262

2304

m134134

804

m134257

1500

AN3-11A

Purchased

No

110

Each

191.0000

8

8

AN3-11A

Bolt

DAS
6
9-89

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST349

191

m134167

191

MS21042-3

MS21042L3

Purchased

No

110

Each

18.0000

17

17

MS21042-3

Nut / use MS21042L3

DAS
6
9-89

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST304

18

M129682

18

CCR264SS-3-06

Purchased

No

110

Each

113.0000

8

8

CCR264SS-3-06

Rivet

DAS
28
9-89

APR 18 2016

DAS
27
9-89

Location

Loc Qty

Loc Code

ST321

113

m131317

13

m133988

100

Friday, March 11, 2016 9:57:50 AM

Shop Packet Print

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				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

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Work Order ID: 142640

142640

Parent Item: 646.9501

646.9501

Parent Item Name: 206A / B / L Cable Cutter System, High

Start Date: 4/11/2016

Required Date: 4/22/2016

Start Qty: 1.00

Required Qty: 1.00

MS21059L08

Purchased

No

110

Each

195.0000

4

4

MS21059L08

Nut

**

DAS
6
9-89

DAS
28
9-89

DAS
27
9-89

CR3213-4-05

Purchased

No

110

Each

140.0000

26

26

CR3213-4-05

RIVET

**

DAS
6
9-89

DAS
28
9-89

DAS
27
9-89

CR3213-4-6

Purchased

No

110

Each

380.0000

20

20

CR3213-4-6

Rivet

**

DAS
6
9-89

DAS
28
9-89

DAS
27
9-89

CR3213-4-4

Purchased

No

110

Each

235.0000

19

19

CR3213-4-4

Rivet, Cherry

**

Location

Loc Qty

Loc Code

CCK005

100

M134376

100

ST319

35

M130388

35

ST320

100

M133694

100

DAS
27
9-89

DAS
6
9-89
APR 18 2016

DAS
28
9-89

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Shop Packet Print

Page 6

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐				
Misidentified ☐	Past Due ☐	OTHER : _____			

Picklist Print

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Work Order ID: 142640

142640

Parent Item: 646.9501

646.9501

Parent Item Name: 206A / B / L Cable Cutter System, High

Start Date: 4/11/2016

Required Date: 4/22/2016

Start Qty: 1.00

Required Qty: 1.00

CR3213-4-2

Purchased

No

110

Each

347.0000

18

18

CR3213-4-2

Cherry Rivet

DAS
27
9-89

Location

Loc Qty

Loc Code

CCK003

192

123301

192

ST319

155

m131340

155

18

DAS
6
9-89
DAS
28
9-89

CR3213-4-3

Purchased

No

110

Each

522.0000

18

18

CR3213-4-3

Rivet, Cherry

DAS
27
9-89

Location

Loc Qty

Loc Code

CCK004

140

m129541

100

m130388

40

ST318

200

m131340

200

ST320

182

123301

182

18

DAS
6
9-89
DAS
28
9-89

MS21047-3

Purchased

No

110

Each

185.0000

6

6

MS21047-3

Nut Plate

DAS
27
9-89

Location

Loc Qty

Loc Code

ST301

185

m134166

185

6

DAS
6
9-89
DAS
28
9-89

APR 18 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

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Work Order ID: 142640

142640

Parent Item: 646.9501

646.9501

Parent Item Name: 206A / B / L Cable Cutter System, High

Start Date: 4/11/2016

Required Date: 4/22/2016

Start Qty: 1.00

Required Qty: 1.00

MS21042-08 MS21042L08 Purchased No

110 Each 33.0000 54 54

MS21042-08

USE MS21042L08

**

13392a

DAS
6
9-89

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST304

25

122815

25

ST306

8

m130388

8

MS27039-08-13 Purchased No

110 Each 256.0000 6 6

MS27039-08-13

Screw

**

DAS
6
9-89

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST278

256

124326

256

MS21059-3 Purchased No

110 Each 537.0000 2 2

MS21059-3

Nut Plate

**

DAS
6
9-89

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

CA

6

123301

6

ST301

531

123023

50

123900

481

AN743-13 Purchased No

110 Each 35.0000 1 1

AN743-13

Bracket

**

DAS
6
9-89

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST330

35

M129732

35

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval																																																									
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER :			
Misidentified ☐	Past Due ☐																																																																

Picklist Print

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Work Order ID: 142640

142640

Parent Item: 646.9501

646.9501

Parent Item Name: 206A / B / L Cable Cutter System, High

Start Date: 4/11/2016

Required Date: 4/22/2016

Start Qty: 1.00

Required Qty: 1.00

AN3-3A Purchased No

110 Each 300.0000 1 1

AN3-3A

Bolt

**

DAS

6
9-89

DAS

28
9-89

Location

Loc Qty

Loc Code

ST350

300

m134294

200

m134376

100

DAS
27
9-89

CCR264SS3-04 Purchased No

110 Each 559.0000 12 12

CCR264SS3-04

Rivet

**

DAS

6
9-89

DAS

28
9-89

Location

Loc Qty

Loc Code

CCK004

400

123785

400

ST321

159

m129702

159

DAS
27
9-89

CR3212-5-4 Purchased No

110 Each 200.0000 8 8

CR3212-5-4

Cherry Rivet

**

DAS

6
9-89

DAS

28
9-89

Location

Loc Qty

Loc Code

CCK005

200

m133709

200

DAS
27
9-89

CCR264SS3-2 CCR264SS3-02 Purchased No

110 Each 0.0000 4 4

CCR264SS3-2

Rivet, Cherry

**

DAS

6
9-89

DAS

28
9-89

Location

Loc Qty

Loc Code

st549

40

m129913

40

DAS
27
9-89

NAS1835-08 Purchased No

110 Each 40.0000 4 4

NAS1835-08

Insert

**

DAS

6
9-89

DAS

28
9-89

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

Picklist Print

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Work Order ID: 142640

142640

Parent Item: 646.9501

646.9501

Parent Item Name: 206A / B / L Cable Cutter System, High

Start Date: 4/11/2016

Required Date: 4/22/2016

Start Qty: 1.00

Required Qty: 1.00

CR3213-4-1

Purchased No

110 Each 188.0000 14 14

CR3213-4-1

Cherry Rivet

**

DAS

6

9-89

DAS

28

9-89

Location

Loc Qty

Loc Code

ST320

188

m131340

8

m133577

80

m134370

100

14

DAS

6

9-89

MS27039-1-08

Purchased No

110 Each 269.0000 5 5

MS27039-1-08

Screw

**

DAS

28

9-89

Location

Loc Qty

Loc Code

FP001

179

m128636

179

GA

90

125654

2

m128636

88

DAS

6

9-89

DAS

28

9-89

647.1210

Manufactured No

110 Each 8.0000 1 1

647.1210

Screen

**

DAS

28

9-89

Location

Loc Qty

Loc Code

CCK107

8

138299

8

MS35842-11-89

Purchased No

110 Each 9.0000 1 1

MS35842-11

Hose Clamp

**

DAS

6

9-89

DAS

28

9-89

Location

Loc Qty

Loc Code

ST269

9

m134039

9

DAS

27

9-89

DAS
27
9-89

APR 18 2016

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Picklist Print

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Page 11

Work Order ID: 142640

142640

Parent Item: 646.9501

646.9501

Parent Item Name: 206A / B / L Cable Cutter System, High

Start Date: 4/11/2016

Required Date: 4/22/2016

Start Qty: 1.00

Required Qty: 1.00

MS27039-08-11

Purchased

No

110

Each

366.0000

43

43

DAS

6

DAS

9-89

28

9-89

MS27039-08-11

SCREW

**

DAS
27
9-89

Location

Loc Qty

Loc Code

ST278

366

m133769

366

43

DAS

6

DAS

9-89

28

9-89

MS27039-08-06

Purchased

No

110

Each

118.0000

4

4

DAS

6

DAS

9-89

28

9-89

MS27039-08-06

Screw

**

DAS
27
9-89

Location

Loc Qty

Loc Code

ST278

118

m126249

118

4

DAS

6

DAS

9-89

28

9-89

MS27039-08-09

Purchased

No

110

Each

48.0000

4

4

DAS

6

DAS

9-89

28

9-89

MS27039-08-09

Screw

**

DAS
27
9-89

Location

Loc Qty

Loc Code

ST278

48

m131317

48

4

DAS

6

DAS

9-89

28

9-89

MS27039-08-12

Purchased

No

110

Each

121.0000

2

2

DAS

6

DAS

9-89

28

9-89

MS27039-08-12

Screw

**

DAS
27
9-89

Location

Loc Qty

Loc Code

ST278

121

123352

21

124326

100

2

DAS

28

DAS

9-89

28

9-89

APR 18 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation		Disposition			
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabelled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Picklist Print

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Work Order ID: 142640

142640

Parent Item: 646.9501

646.9501

Parent Item Name: 206A / B / L Cable Cutter System, High

Start Date: 4/11/2016

Required Date: 4/22/2016

Start Qty: 1.00

Required Qty: 1.00

MS27039-1-11

Purchased

No

110

Each

198.0000

5

5

DAS

6

9-89

MS27039-1-11

Screw

**

DAS
27
9-89

Location

Loc Qty

Loc Code

CA

178

124326

178

GA

20

125654

13

9662

7

DAS

28

9-89

CR3212-4-4

CR3212-4-04

Purchased

No

110

Each

0.0000

1

1

DAS

6

9-89

CR3212-4-4

CHERRY RIVET

MS24694-S8 9-89

Purchased

No

110

Each

37.0000

5

5

DAS

6

9-89

MS24694-S8

Screw

**

134865

**

DAS
27
9-89

Location

Loc Qty

Loc Code

ST285

37

M129909

37

AN3-10A

Purchased

No

110

Each

200.0000

8

8

DAS

28

9-89

AN3-10A

Bolt

**

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

1

m132763

1

over003

100

m134249

100

ST349

99

m133992

99

DAS

6

9-89

DAS

28

9-89

APR 18 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation		Disposition			
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : ☐			

Picklist Print

Friday, March 11, 2016 9:57:51 AM

Page 13

Work Order ID: 142640

142640

Parent Item: 646.9501

646.9501

Parent Item Name: 206A / B / L Cable Cutter System, High

Start Date: 4/11/2016

Required Date: 4/22/2016

Start Qty: 1.00

Required Qty: 1.00

600.0990 Purchased No

110 Each 32.0000 1 1

600.0990

Magnabond 6398 Part A

**

DAS
6

9-89

DAS
28
9-89

15/07/2016
DAS
27
9-89

Location Loc Qty Loc Code

CA002 12

M134167 12

CA2 12

M134249 12

PKG 8

M133800 8

600.0991 Purchased No

110 Each 32.0000 1 1

600.0991

MAGNOBOND 6398 PART B

**

DAS
6
9-89

DAS
28
9-89

15/07/2016
DAS
27
9-89

Location Loc Qty Loc Code

CA002 12

m134167 12

CA2 12

m134249 12

PKG 8

m133800 8

600.1012 Purchased No

110 Each 24.0000 1 1

600.1012

Sealant PR1425B2 (#654 sem)

**

DAS
6
9-89

DAS
28
9-89

EXP
10/2016

DAS
27
9-89

Location Loc Qty Loc Code

cck017 23

m133938 1

m133992 2

m134167 12

m134249 8

cck018 1

m131364 1

10/30/2015

APR 1 8 2016

Friday, March 11, 2016 9:57:51 AM

Shop Packet Print

Page 13

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

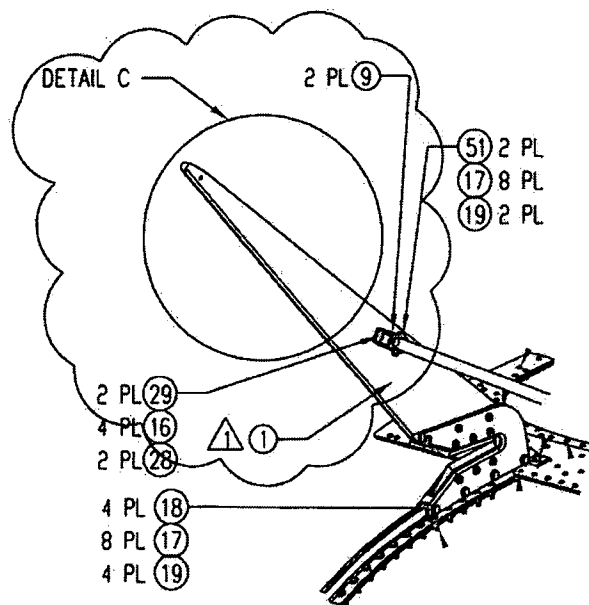
Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation		Disposition			
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabelled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : ☐			

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03047				SHEET 1 OF 1	
	DWG NO. 646.9500	REV: NC	PREPARED BY J. JACKSON	DATE: 01/24/11	EFFECT ON DWG ☐ INC. ☒ UNINC.	
	DWG TITLE: 206 CABLE CUTTERS KIT					
	APPROVED BY: ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: NEXT ORDER		
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	REASON: ADDED GPS MOUNT KIT, F/N 52. REVISED DRAWING VIEWS. ADDED NOTE <u>2</u> .					

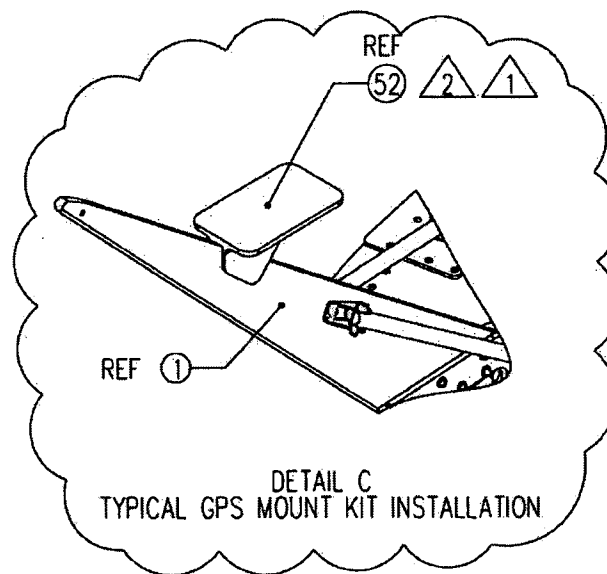
SHEET 1, ZONE B1 IS:

2 AT CUSTOMERS OPTION, INSTALL F/N 52 BY MATCH DRILLING ONTO F/N 1.

SHEET 2, ZONE A3 IS:



SHEET 2, ZONE B2 IS:



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 142640
MLJ
16-03-11

52	A	647.5701	REF	REF	GPS MOUNT KIT	<u>2</u>	
F/N	TC	PART NUMBER	.9502	.9501	DESCRIPTION	MATERIAL	SPECIFICATION
			QTY				
DOCUMENTS EFFECTED:						CHANGE CATEGORY	DER REVIEW REQUIRED
☐ MDL ☐ INSTALL INSTRU ☐ ICA ☒ BOM						☐ MAJOR ☒ MINOR	☐ YES ☒ NO

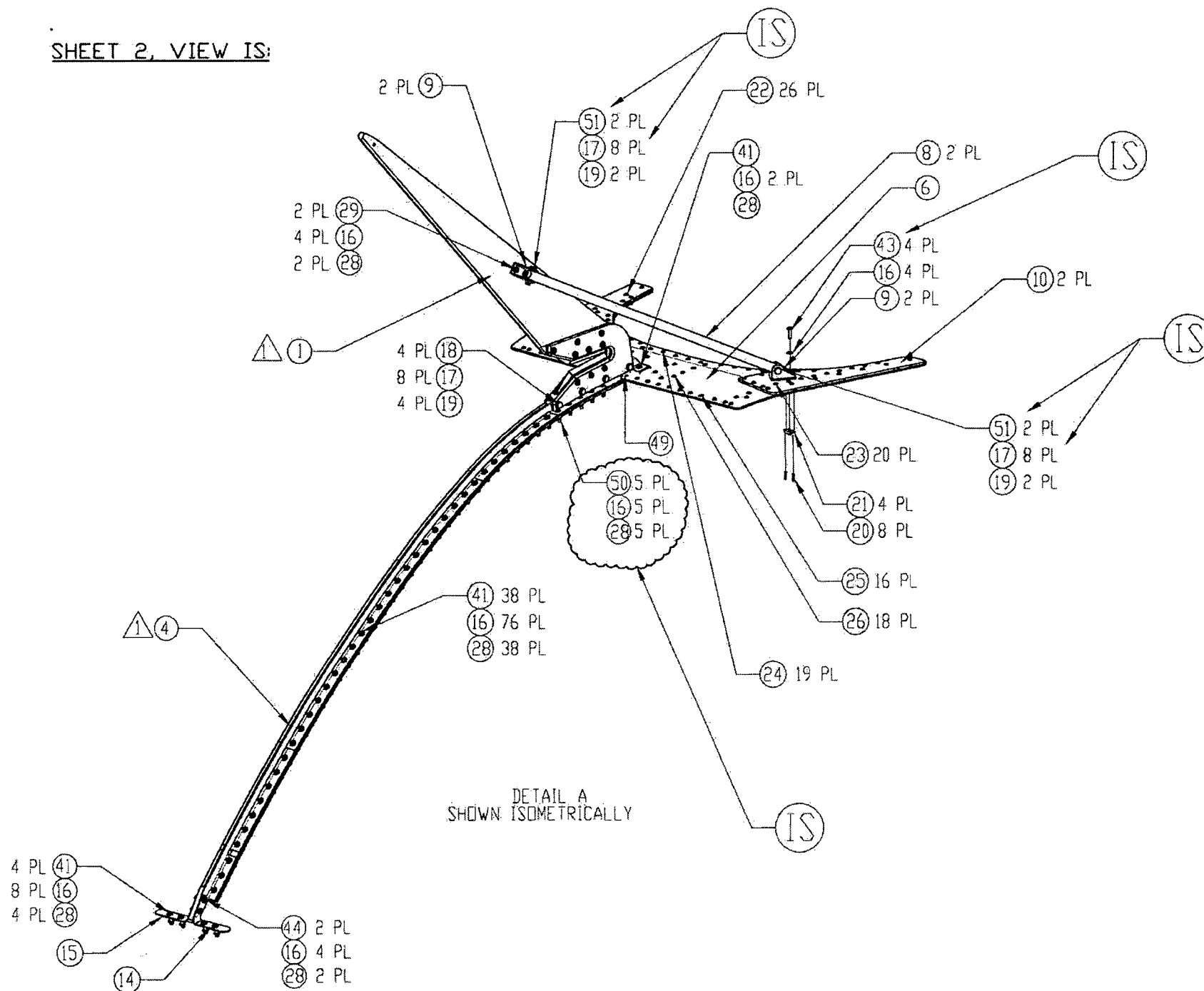
APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 02736				SHEET 1 OF 1	
	DWG NO. 646.9500	REV: N/C	PREPARED BY S. HUFF	DATE: 01/06/10	EFFECT ON DWG ☐ INC. ☒ UNINC.	
	DWG TITLE: 206 CABLE CUTTERS KIT					
	APPROVED BY:	ENGR. <i>[Signature]</i>	MFG. <i>[Signature]</i>	QC <i>[Signature]</i>	EFF. CURRENT ORDER	
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	REASON: CORRECTED PARTS LIST ERRORS					

17	R	601.1607	62	62	WASHER	NAS1149F0332P
16	R	601.2764	111	111	WASHER	NAS1149FN832P
			9502	9501		
F/N	TC	PART NUMBER	QTY		DESCRIPTION	MATERIAL/SPECIFICATION
DOCUMENTS EFFECTED: ☐ MDL ☒ INSTALL INSTRUC ☒ ICA ☐ FMS ☒ BOM						CHANGE CATEGORY ☐ MAJOR ☒ MINOR
						DER REVIEW REQUIRED ☐ YES ☒ NO

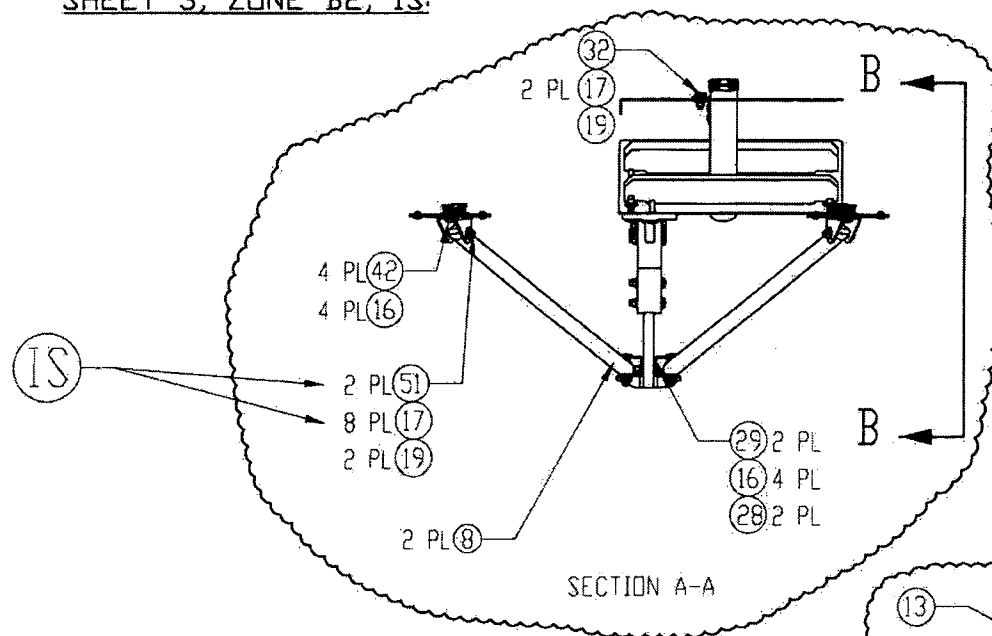
APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 02729				SHEET 1 OF 3	
	DWG NO. 646.9500		REV: N/C		PREPARED BY S. HUFF	
	DATE: 12/23/09		EFFECT ON DWG ☐ INC. ☒ UNINC.			
	DWG TITLE: 206 CABLE CUTTERS KIT					
APPROVED BY: ENGR <i>[Signature]</i>		MFG <i>[Signature]</i>		QC <i>[Signature]</i>		EFF: CURRENT ORDER
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: HARDWARE REVISIONS FROM FIRST INSTALL				

51	A	601.3155	8	8	BOLT	AN3-10A
50	A	601.3153	5	5	SCREW	MS24694S8
41	R	601.2893	43	43	SCREW	MS27039-0811
28	R	601.2973	54	54	LOCKNUT	MS21042-08
18	R	601.2826	8	8	BOLT	AN3-11A
16	R	601.2764	127	127	WASHER	NAS1149FN832P
			9502	9501		
F/N	TC	PART NUMBER	QTY		DESCRIPTION	MATERIAL/SPECIFICATION
DOCUMENTS EFFECTED: ☐ MDL ☒ INSTALL INSTRUC ☒ ICA ☐ FMS ☒ BOM						CHANGE CATEGORY ☐ MAJOR ☒ MINOR
						DER REVIEW REQUIRED ☐ YES ☒ NO

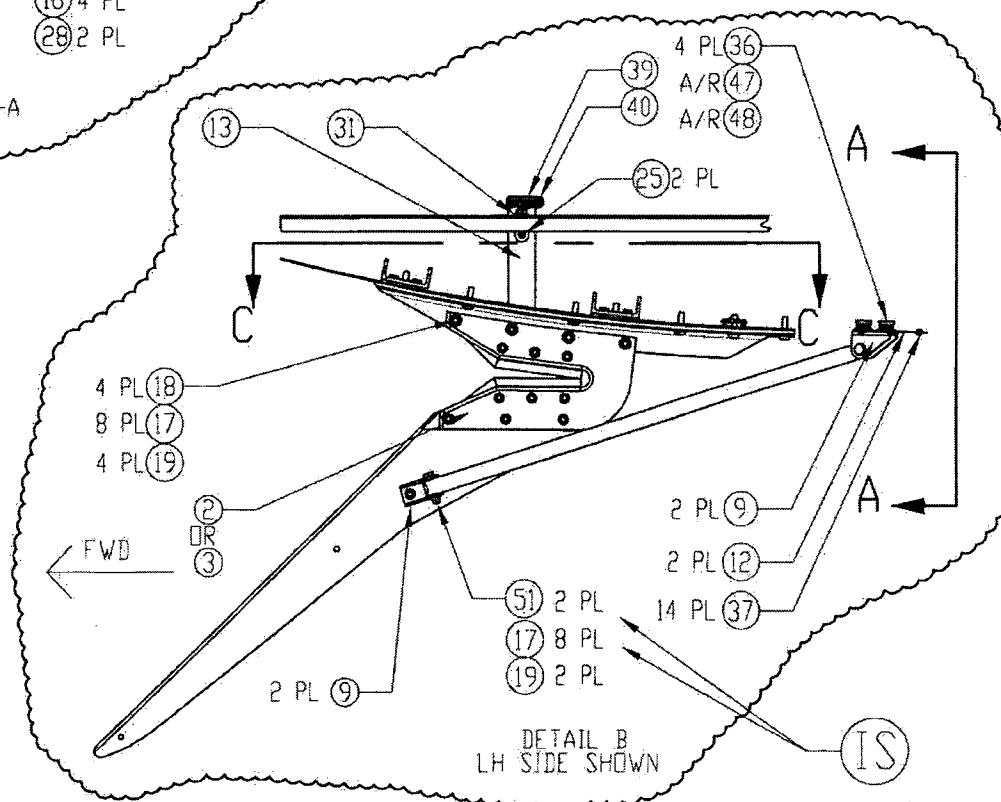
SHEET 2, VIEW IS:



SHEET 3, ZONE B2, IS:



SHEET 3, ZONE D2, IS:



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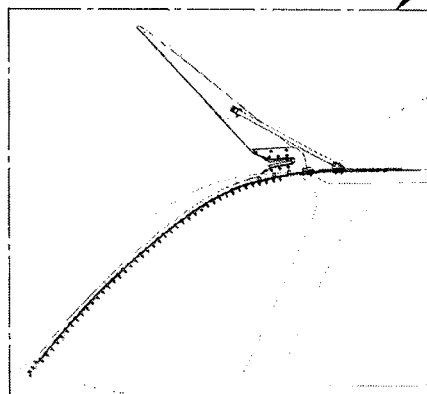
NOTES:

△ AFTER INSTALLATION, APPLY F/N 46 A/R TO FILL GAPS AND FILLET EDGES

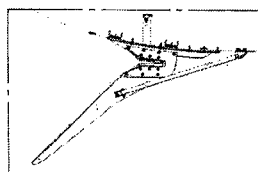
UNINCORPORATED ECN(S)

02729, 02736, 03047

DETAIL A



DETAIL B



QTY	FIND #	PART #	DESCRIPTION	MATL	SPEC.
1	1	49	601.1066 RIVET	CR3213-4-4	
1	1	48	600.0991 MAGNOBOND 6398 PART B		
1	1	47	600.0990 MAGNOBOND 6398 PART A		
1	1	46	600.1012 SEALANT	RT-1425 CLASS B	
5	5	45	601.1949 SCREW	MS27039-1-11	
2	2	44	601.2989 SCREW	MS27037-0812	
4	4	43	601.2987 SCREW	MS27039-0309	
4	4	42	601.3000 SCREW	MS27039-0806	

REV.	DESCRIPTION	DATE	APPROVED
1	LAST PROTOTYPED REVISION		11C
2	INITIAL RELEASE	04/03/09	P. BRAYO

47	47	41	601.2893	SCREW	MS27039-0811	
1	1	40	601.2982	HOSE CLAMP	MS25842-11	
1	1	39	647.1210	SCREEN		
5	5	38	601.1621	SCREW	MS27039-1-08	
14	14	37	601.2979	RIVET	CR3213-4-1	
4	4	36	601.2984	INSERT	HA51835-08	
4	4	35	601.2277	RIVET	CCP2445-342	
8	8	34	601.2983	RIVET	CR3212-5-4	
12	12	33	601.2980	NUTPLATE RIVET	CCP2445-341	
1	1	32	601.2822	BOLT	AN3-3A	
1	1	31	601.2985	BRACKET	AS1743-13	
2	2	30	601.1900	NUTPLATE	MS21039-3	
6	6	29	601.2988	SCREW	MS27039-0913	
53	53	28	601.2973	LOCKNUT	MS21042-08	
6	6	27	600.0795	NUTPLATE	MS21047-3	
18	18	26	601.0790	RIVET	CR3213-4-3	
18	18	25	601.1039	RIVET	CR3213-4-2	
19	19	24	601.1915	RIVET	CR3213-4-4	
20	20	23	601.2991	RIVET	CR3213-4-6	
26	26	22	601.1183	RIVET	CR3213-4-5	
4	4	21	601.2356	NUTPLATE	MS21039-08	
8	8	20	601.2981	NUTPLATE RIVET	CCP2445-340	
17	17	19	601.2943	LOCKNUT	MS21042-8	
16	16	18	601.2826	BOLT	AN3-11A	
46	46	17	601.1607	WASHER	HA51149-0309	
114	114	16	601.2764	WASHER	HA51149-0309	
1	1	15	647.0115	CLIP		
1	1	14	647.0114	CLIP		
1	1	13	647.0410	TUBE		
2	2	12	647.0116	DOUBLER		
1	1	11	647.0111	PANEL		
2	2	10	647.0113	STRUT DOUBLER		
8	8	9	647.0112	STRUT BRACKET		
4	4	8	646.9910	STRUT		
2	2	7	647.0310	CHANNEL		
1	1	6	647.0110	ROOF DOUBLER		
1	1	5	647.0210	RAIL		
1	1	4	646.9810	DEFLECTOR		
1	1	3	646.9603	LOWER CUTTER ASSY LOW		
1	1	2	646.9602	LOWER CUTTER ASSY HIGH		
1	1	1	646.9601	UPPER CUTTER ASSY		
1	1	1	646.9502	206 CABLE CUTTERS KIT LOW		
1	1	1	646.9501	206 CABLE CUTTERS KIT HIGH		

QTY	FIND #	PART #	DESCRIPTION	MATL	SPEC.
1	1	1	646.9501		
1	1	1	646.9502		
1	1	1	646.9601		
1	1	1	646.9602		
1	1	1	646.9603		
1	1	1	646.9810		
1	1	1	647.0210		
1	1	1	647.0310		
1	1	1	647.0410		
1	1	1	647.0111		
1	1	1	647.0112		
1	1	1	647.0113		
1	1	1	647.0116		
1	1	1	647.0114		
1	1	1	647.0115		
1	1	1	601.2764		
1	1	1	601.2826		
1	1	1	601.2943		
1	1	1	601.2981		
1	1	1	601.2356		
1	1	1	601.1183		
1	1	1	601.2991		
1	1	1	601.1915		
1	1	1	601.1039		
1	1	1	601.0790		
1	1	1	600.0795		
1	1	1	601.2973		
1	1	1	601.2988		
1	1	1	601.1900		
1	1	1	601.2985		
1	1	1	601.2822		
1	1	1	601.2980		
1	1	1	601.2983		
1	1	1	601.2277		
1	1	1	601.2984		
1	1	1	601.2979		
1	1	1	601.1621		
1	1	1	647.1210		
1	1	1	601.2982		
1	1	1	601.2893		

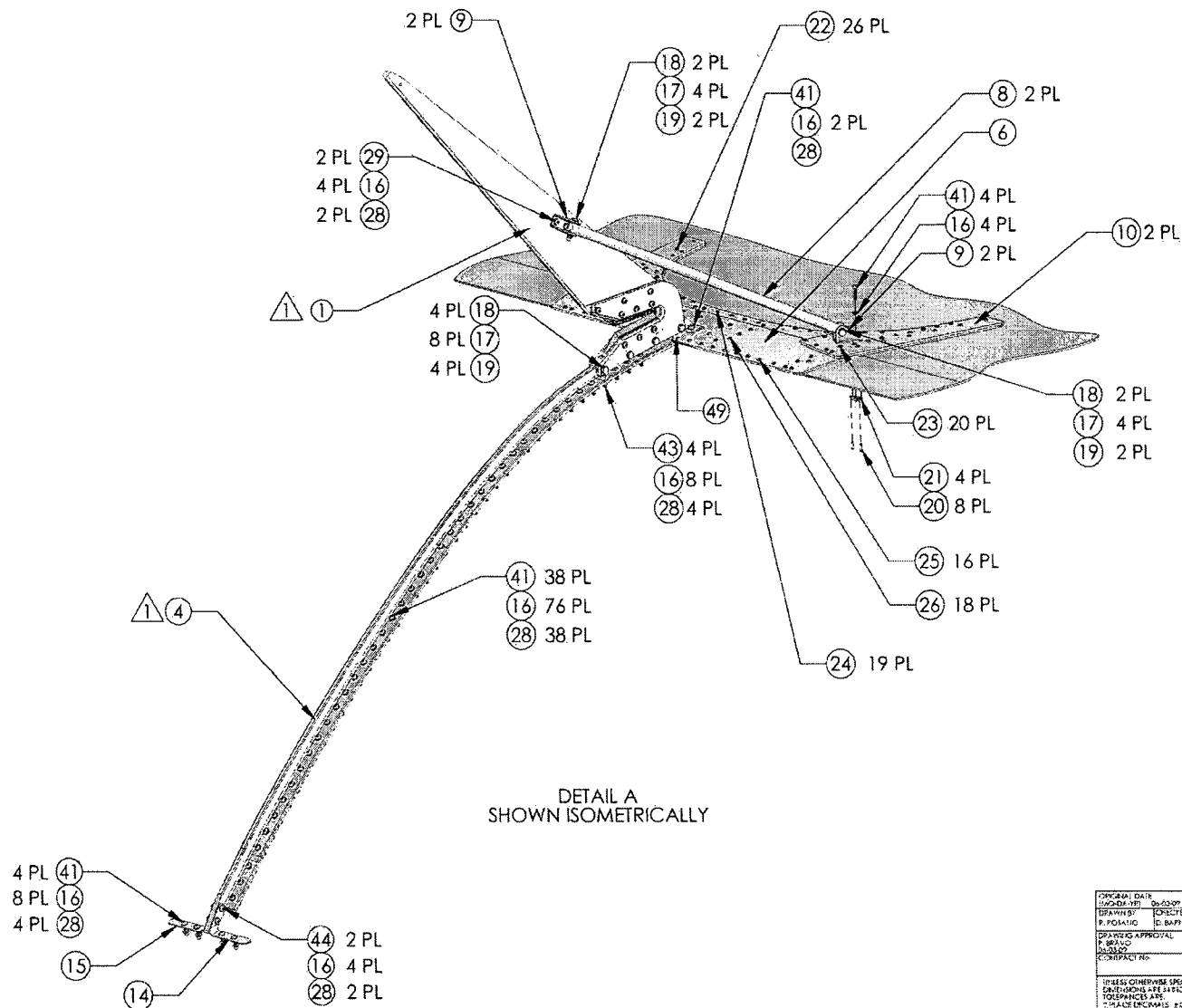
APICAL INDUSTRIES

2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA. 92056-3512 (760)724-5300

206 CABLE CUTTERS KIT

REV. 07/26 646.9500
SCALE: NONE SHEET 1 OF 3

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THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED



DETAIL A
SHOWN ISOMETRICALLY

ORIGINAL DATE (DD-MMM-YY) 01-03-00		APICAL INDUSTRIES	
DRAWN BY P. POSEVIG		2608 TEMPLE HEIGHTS DR.	
CHECKED BY D. BARTER		OCEANSIDE, CA. 92056-3512 (760) 724-5300	
DRAWING APPROVAL P. BRADY		206 CABLE CUTTERS KIT	
CONTRACT NO.		SCALE NONE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 1 PLACE DIMENSIONS ±.01 2 PLACE DIMENSIONS ±.005 ANGLES ±.5°		SHEET 2 OF 3	REV. N/C

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 02729				SHEET 1 OF 3	
	DWG NO. 646.9500	REV: N/C	PREPARED BY S. HUFF	DATE: 12/23/09	EFFECT ON DWG ☐ INC. ☒ UNINC.	
	DWG TITLE: 206 CABLE CUTTERS KIT					
TRANSACTION CODES (TC) A-ADD C-CREATE R-REVISE D-DELETE		APPROVED BY: ENGR. <i>[Signature]</i>	MEG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: CURRENT ORDER	
REASON: HARDWARE REVISIONS FROM FIRST INSTALL						

REFERENCE ONLY

51	A	601.3155	8	8	BOLT	AN3-10A
50	A	601.3153	5	5	SCREW	MS24694S8
41	R	601.2893	43	43	SCREW	MS27039-0811
28	R	601.2973	54	54	LOCKNUT	MS21042-08
18	R	601.2826	8	8	BOLT	AN3-11A
16	R	601.2764	127	127	WASHER	NAS1149FN832P
			9502	9501		
F/N	TC	PART NUMBER	QTY		DESCRIPTION	MATERIAL/SPECIFICATION
DOCUMENTS EFFECTED: ☐ MDL ☒ INSTALL INSTRUC ☒ ICA ☐ FMS ☒ BOM						CHANGE CATEGORY ☐ MAJOR ☒ MINOR
						DER REVIEW REQUIRED ☐ YES ☒ NO

QTY		PARTS LIST	
NEXT ASSY [S]	OFFICIAL DATE 02/24/87 D. HANLEY F. POSANO CHECKED D. BAKER APPROVAL 06-23-87 	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
CONTRACT NO.		206 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED USE STEEL AND 4000 PSI TENSILE STRENGTH 2 PLACES SCREWS: 100 3 PLACES SCREWS: 100 4 PLACES SCREWS: 100 5 PLACES SCREWS: 100		SIZE B 07M26	QTYD NO. 646.9500
		SCALE: NONE	REV. 1/7C
		1 SHEET OF 1	

142640**Work Order ID 142640**

Friday, March 11, 2016 9:57:51 AM

Accept

N900040100Setup Start ***NS1***Stop ***NS2***

Item ID: 646.9501

Revision ID:

Item Name: 206A / B / L Cable Cutter System, High

Start Date: 4/11/2016 Start Qty: 1.00 ***1***Required Date: 4/22/2016 Req'd Qty: 1.00 ***1***

Cust Item ID:

Customer:

Reference:

Run Start ***NR1***Stop ***NR2***Approvals: Process Plan: ML3 Date: MAR 11 2016

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

646.9500

N/C

0.00

DAS

8

3-89

100

Document Control

DOCUMENT CONTROL

0.00

100

DC

Memo

Photocopy bluefile & type labels per PPP 646.9501

Doc.Control -USB or Paperwork

0.00

Pick Kit

110

110

Packaging

Packaging

Memo

0.00

QC4- 100% Inspect kits for completeness

0.00

120

120

QC

Quality Control

Memo

0.00

APR 18 2016

DAS

8

3-89

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 02736				SHEET 1 OF 1	
	DWG NO. 646.9500		REV: N/C		PREPARED BY S. HUFF	DATE: 01/06/10
					EFFECT ON DWG ☐ INC. ☒ UNINC.	
	DWG TITLE: 206 CABLE CUTTERS KIT					
APPROVED BY:		ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: CURRENT ORDER	
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: CORRECTED PARTS LIST ERRORS				

REFERENCE ONLY

17	R	601.1607	62	62	WASHER	NAS1149F0332P
16	R	601.2764	111	111	WASHER	NAS1149FN832P
			9502	9501		
F/N	TC	PART NUMBER	QTY	DESCRIPTION		MATERIAL/SPECIFICATION
DOCUMENTS EFFECTED: ☐ MDL ☒ INSTALL INSTRU ☒ ICA ☐ FMS ☒ BOM						CHANGE CATEGORY ☐ MAJOR ☒ MINOR DER REVIEW REQUIRED ☐ YES ☒ NO